

# Sudan Tandukar

Student of BSc (Hons) in Computer Science and Software Engineering

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Recent Computer Science & Software Engineering graduate with hands-on experience in full-stack development. Proficient in Java, Python, C#, HTML, CSS, JavaScript, React.js , Node.js , and skilled in database management using MySQL and MongoDB. Comfortable using Git & GitHub within Agile teams and leveraging API tools like Postman. Developed multiple web and mobile applications during university projects. Passionate about tackling real-world challenges.

## EDUCATION

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### BSc (Hons) in Computer Science and Software Engineering

Lalitpur

*Patan College For Professional Studies*

Jun, 2022 - Mar, 2025

Second Class, Upper Division was achieved

### +2 Science Stream

Lalitpur

*Nightingale College*

Jul, 2019 - Jan, 2022

3.57 GPA was achieved

### SEE

Lalitpur

*Nightingale International School*

Apr, 2018 - Jun, 2019

3.25 GPA was achieved

## PROJECTS

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### Hotel Booking System

It was a desktop application built using Java as the programming language and SQL as the database for the assignment in the first semester.

### Taxi boking System

It was a desktop application built using Python as the programming language and SQL as the database for the assignment in the second semester.

### Student Information Kiosk (SIK)

It was built using PL/SQL as the procedural programming language and database for the assignment in the third semester.

### Job link

This was a mobile application which was built using Dart as the procedural programming language with Flutter as the UI toolkit, and Firebase served as the database. The app allowed employers to post job listings, while job seekers could apply for these positions. It was developed as part of an assignment during the fourth semester, using Android Studio as the IDE.

### Elevator-Simulator

Using the C# programming language, an elevator simulator for a two-floor system was developed as part of a fourth-semester assignment.

<https://github.com/tdksudan/Elevator-Simulator>

### Banana Game

The project was a web application which was developed using React, Node.js, Express.js and MongoDB. Leveraging the API provided by the university, a web-based game was successfully created.

<https://github.com/tdksudan/Banana-Game-.git>

### Box office revenue prediction using random forest for web application

A prediction model was developed using Python, and Flask was utilized to connect the model to a web application. React was implemented for the frontend, Node.js powered the backend, and MongoDB served as the database.

<https://github.com/tdksudan/Box-Office-Revenue-Prediction.git>

## TRAINING/CERTIFICATIONS

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**AI Foundations for Everyone By IBM** 2023

*Coursera*

<https://coursera.org/share/f66689a4b4fe5a3a4222c87155b09bf2>

**HTML and CSS in depth By Meta** 2023

*Coursera*

<https://coursera.org/share/dcde0e7ab9e48e59595439df535e313e>

**Introduction to Back-End Development By Meta** 2023

*Coursera*

<https://coursera.org/share/1c04c1b35d00965db355821b89f62bf2>

**Version Control** 2023

*Coursera*

<https://coursera.org/share/9379b4cc022d6dbd1f586503ecbd831e>

**Introduction to Front-End Development** 2023

*Coursera*

<https://coursera.org/share/d89f2d251d8f54403114255df2b28f23>

**Back End Development and APIs** 2025

*freeCodeCamp*

<https://www.freecodecamp.org/certification/fccac9e70a7-b3a8-4209-b7fb-79d27fc17d8d/back-end-development-and-apis>

**Responsive Web Design** 2025

*freeCodeCamp*

<https://www.freecodecamp.org/certification/fccac9e70a7-b3a8-4209-b7fb-79d27fc17d8d/responsive-web-design>

**Quality Assurance** 2025

*freeCodeCamp*

<https://www.freecodecamp.org/certification/fccac9e70a7-b3a8-4209-b7fb-79d27fc17d8d/quality-assurance-v7>

## SKILLS

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Java, Python, C#, Flutter, Dart, HTML, CSS, JAVASCRIPT, REACT, Git & Github, Agile Methodologies, MySQL, MongoDB, Node js, Express js, Postman

## LANGUAGE

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Nepali, English, Newari, Hindi